

Ernie Beffel



From: Ernie Beffel
Sent: Wednesday, November 10, 2004 7:35 AM
To: 'jason.perilla@uspto.gov'
Cc: sbromaghim
Subject: Draft claim; Ser. No. 09/742,686, Docket 3Com 3354-1

COPY

Dear Examiner:

For your consideration:

A method of selecting forward error correction parameters in a channel having a plurality of subchannels in a multicarrier communications system, comprising:

storing, in one or more tables, a net coding gain gains for a plurality of values of signal-to-noise ratios and numbers of subchannels, the net coding gains gain being based on a one or the values of corresponding to the signal-to-noise ratios and one of the numbers of subchannels[[;]] for different values of forward error correction parameters, including a number (s) of discrete multi-tone symbols in a forward-error-correction frame, a number (z) of forward-error-correction control symbols in a discrete multi-tone symbol, and a maximum number of transmissions (k), for different values of s, z and k;

determining a signal-to-noise ratio representing a subset of the subchannels to provide a representative performance measurement; and

using the tables, selecting values of s, z and k based on at least the representative performance measurement and the net coding gains gain by applying an approximation to a subset of the values in the table.

Best regards, Ernie Beffel

Haynes Beffel & Wolfeld LLP
www.hmbay.com
P.O. Box 366
751 Kelly Street
Half Moon Bay, CA 94019

650-712-0340
650-712-0263 facsimile
415-902-6112 cell phone

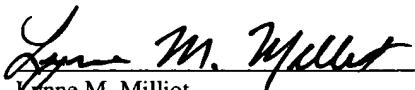
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Ernie Beffel
(E-mail).vcf

CERTIFICATE OF MAILING

I hereby certify that this correspondence is being deposited with the United States Postal Service for First-Class Mail Delivery addressed to the Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on 21 March 2005.



Lynne M. Milliot

21 March 2005

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Vlad MITLIN et al.

Application No.: 09/742,686

Confirmation No.: 5548

Filed: 20 December 2000

Title: **Performance Evaluation of a
G.dmt-Compliant Digital
Subscriber Line System**

Group Art Unit: 2634

Examiner: Jason W. Perilla

CUSTOMER NO. 22470

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

TRANSMITTAL OF RESPONSE TO OFFICE ACTION

Sir:

In connection with the above-referenced U.S. patent application, transmitted herewith are the following papers:

- Response to Office Action of 19 NOVEMBER 2004**, for which no claims fee is due.
- Check No. 3183 in payment of a one-month extension fee (\$120).

03/24/2005 RFEKADU1 0000001109742636 *WJ SN*

01 FC:1251

120.00 OP

Application No. 09/742,686

Atty Docket: 3COM 3354-1

The Commissioner is hereby authorized to charge any underpayment of fees, or credit any overpayment, to our Deposit Account No. 50-0869 (Attorney Docket No. 3COM 3354-1).

Respectfully submitted,



Ernest J. Beffel, Jr., Reg. No. 43,489

Dated: 21 March 2005

HAYNES BEFFEL & WOLFELD LLP
P.O. Box 366
Half Moon Bay, CA 94019
(650) 712-0340 (telephone)
(650) 712-0263 (facsimile)